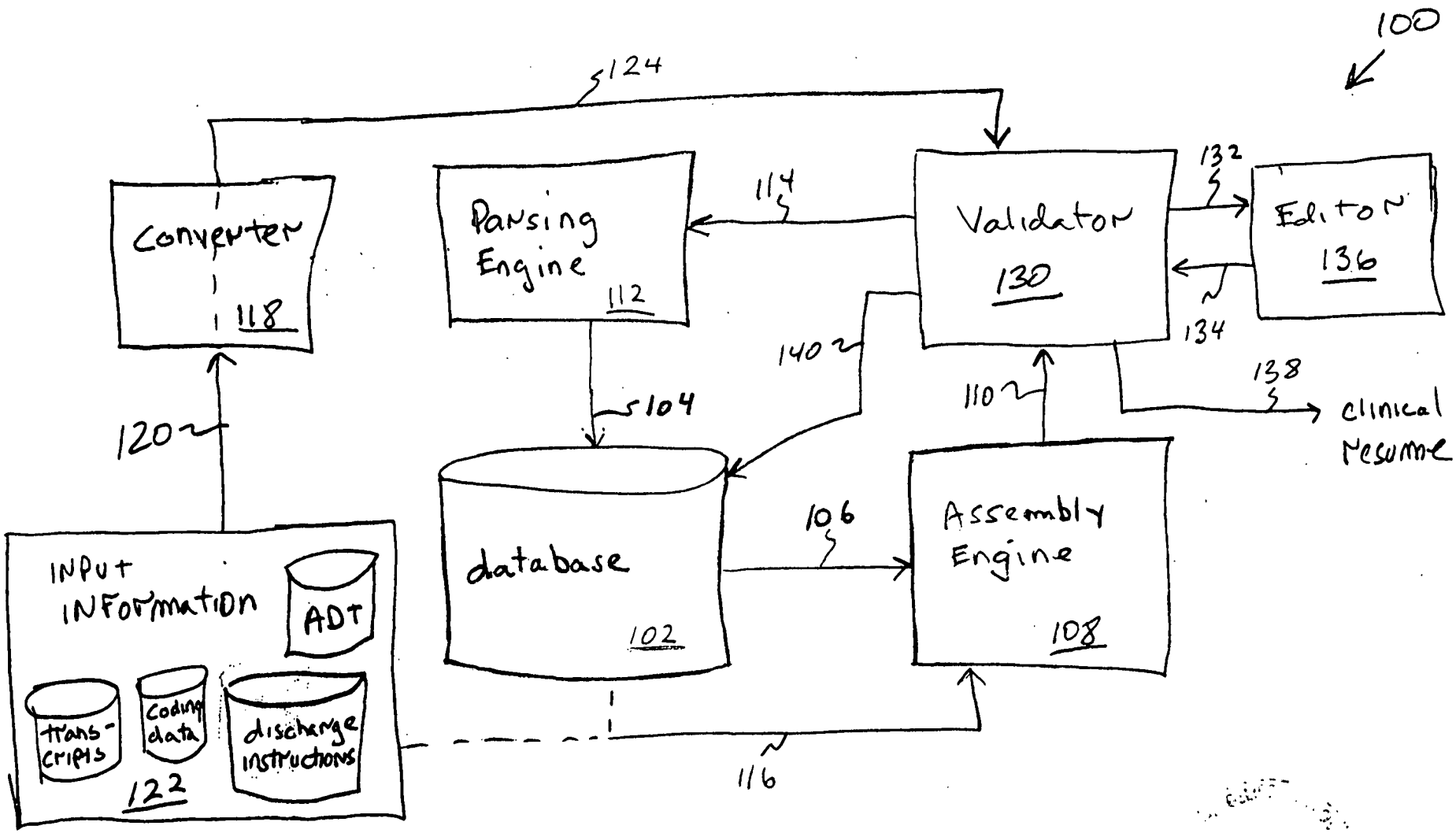
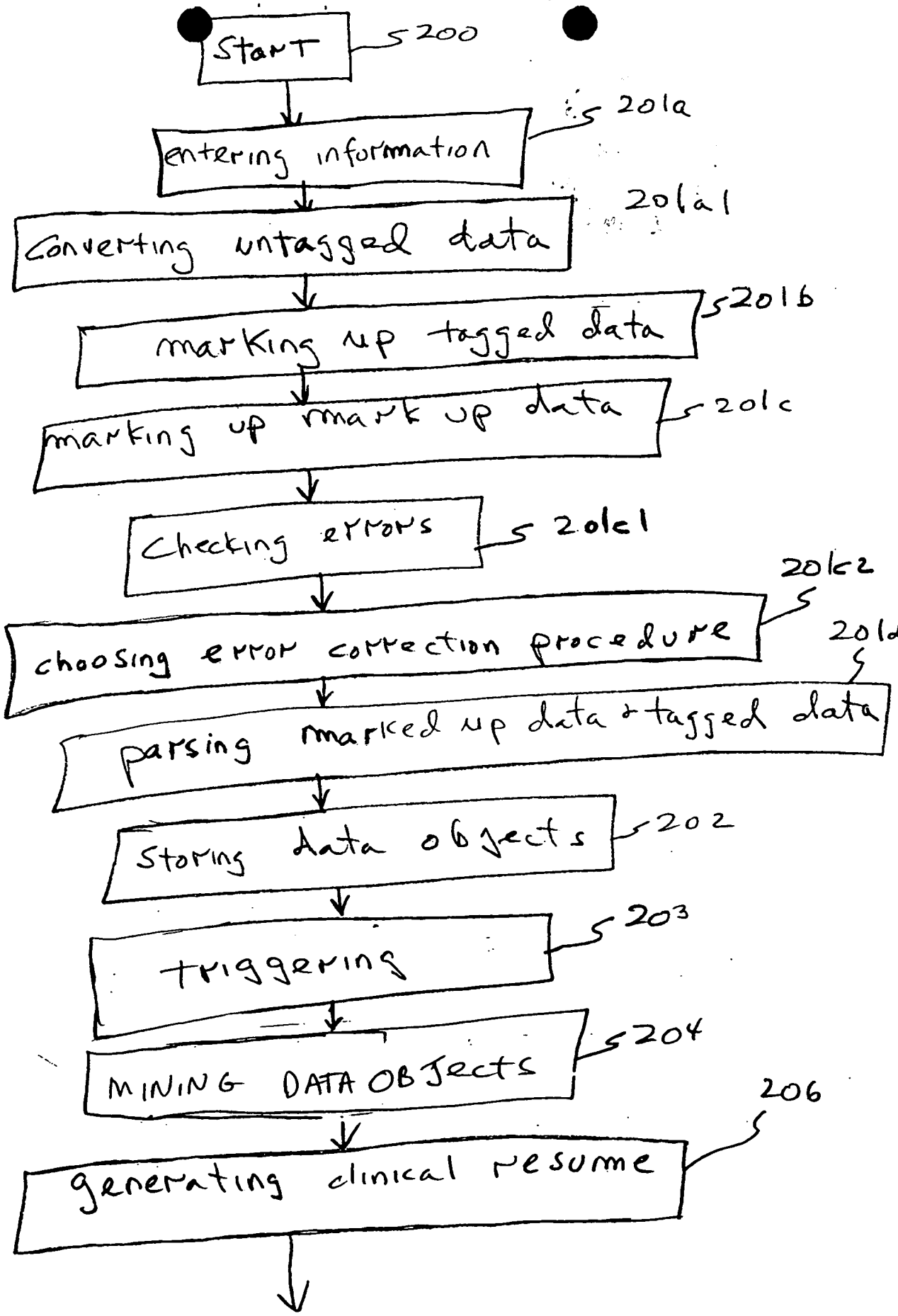

100
124
Converter
118
Parsing Engine
112
114
Validator
130
132
Editor
136
134
140
138
clinical Resume
110
120
104
database
102
106
Assembly Engine
108
INPUT INFORMATION
ADT
trans-cripts
coding data
discharge instructions
122
116

Fig. 1

Fig. 2a



to Fig. 2b

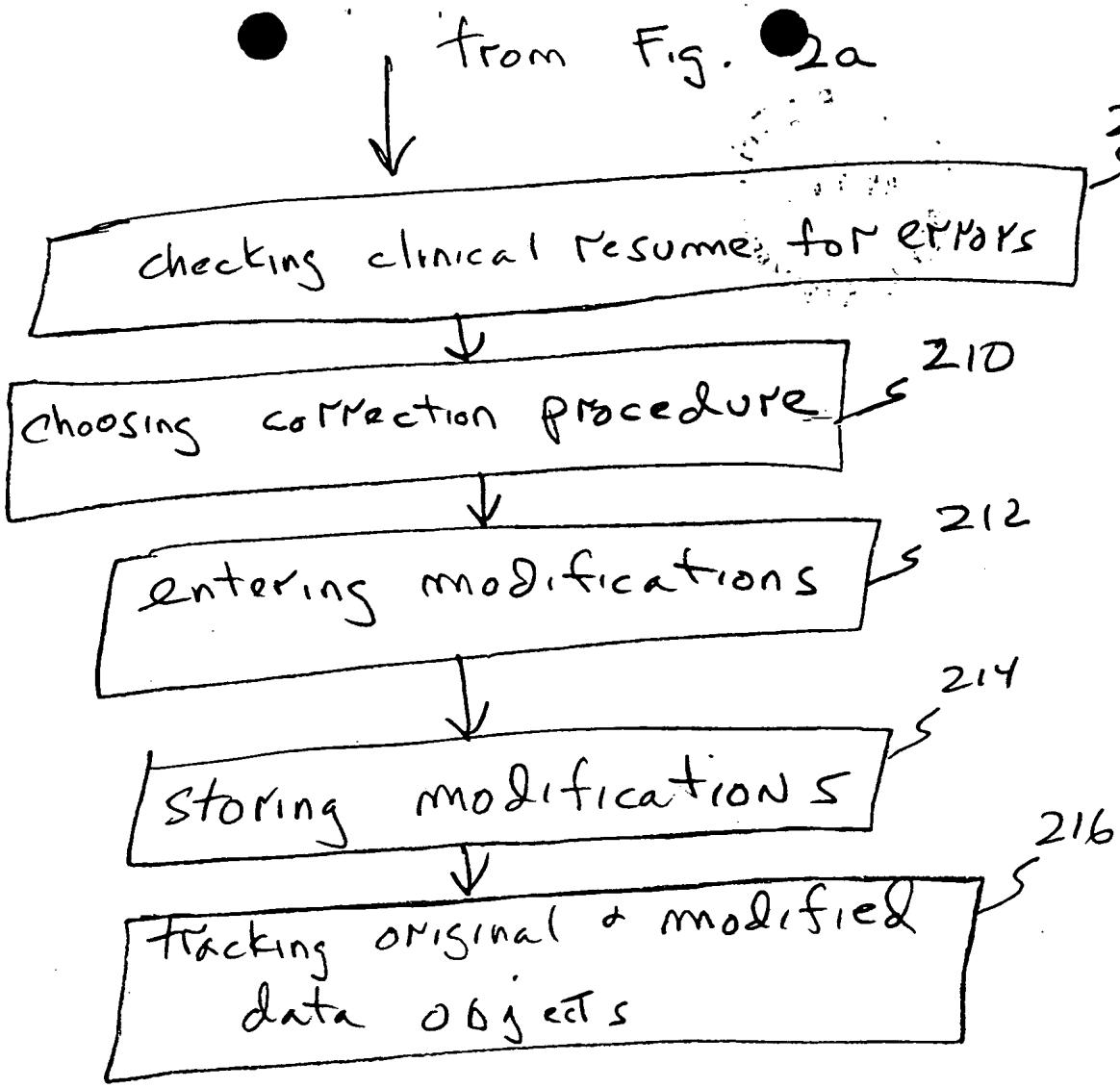

from Fig. 2a
208
checking clinical resumes for errors
210
choosing correction procedure
212
entering modifications
214
storing modifications
216
tracking original & modified data objects

Fig. 2b

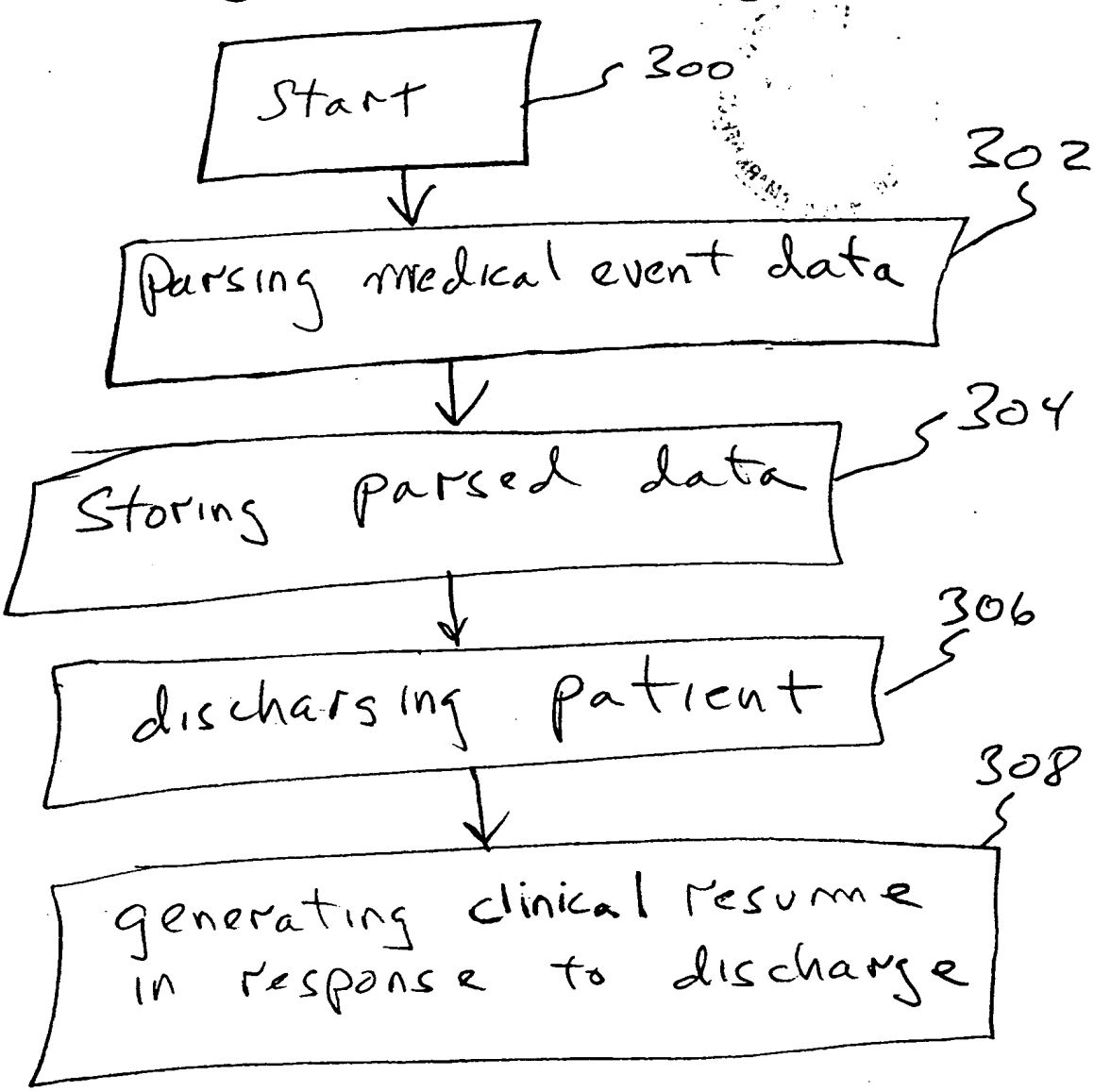

Start
300
Parsing medical event data
302
Storing parsed data
304
discharsing patient
306
generating clinical resume in response to discharge
308

Fig. 3

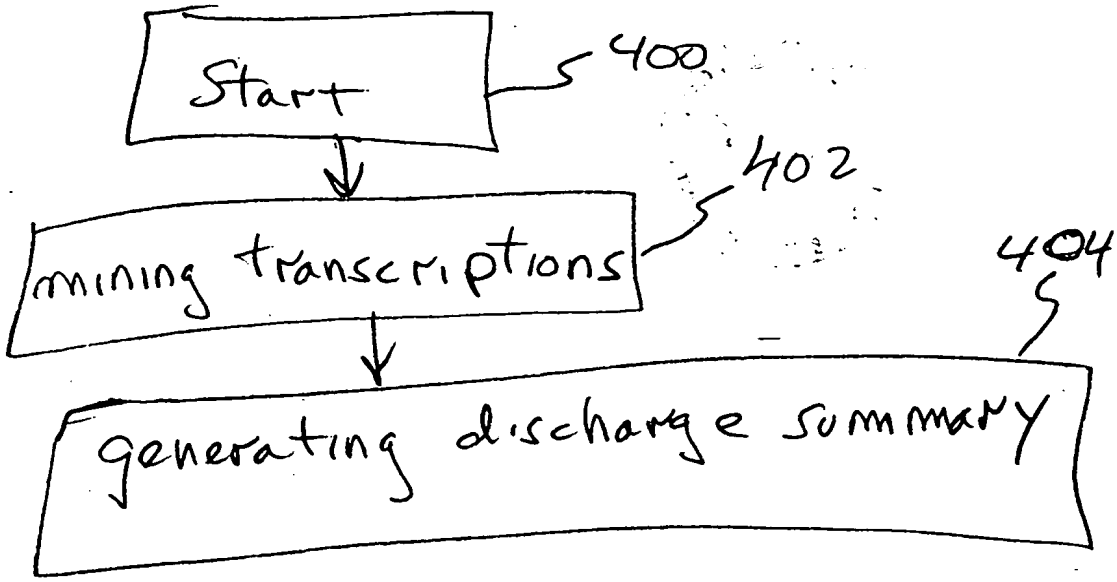

Start
400
mining transcriptions
402
generating discharge summary
404

Fig. 4

Tuesday, 4095260

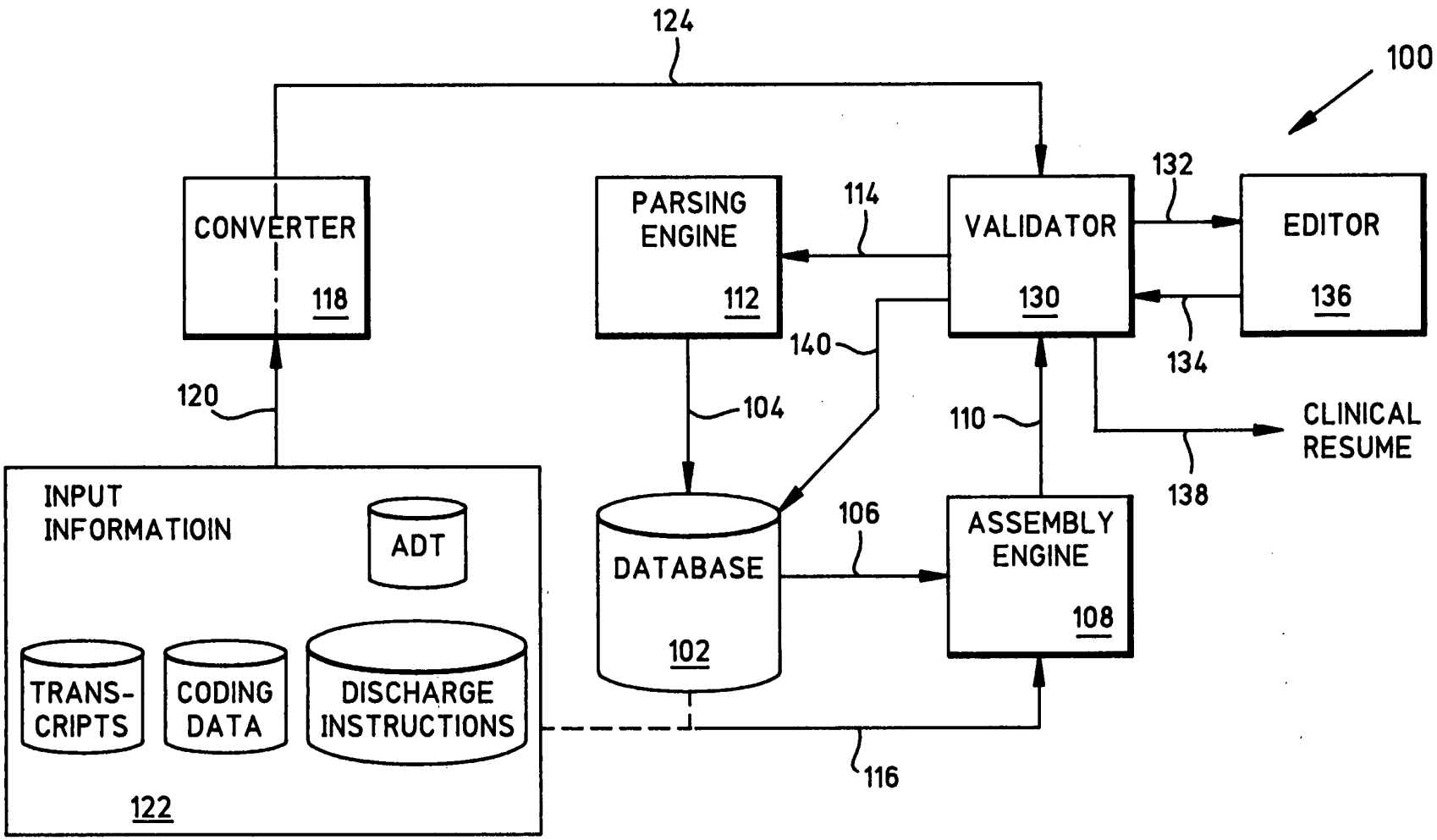


FIG. 1

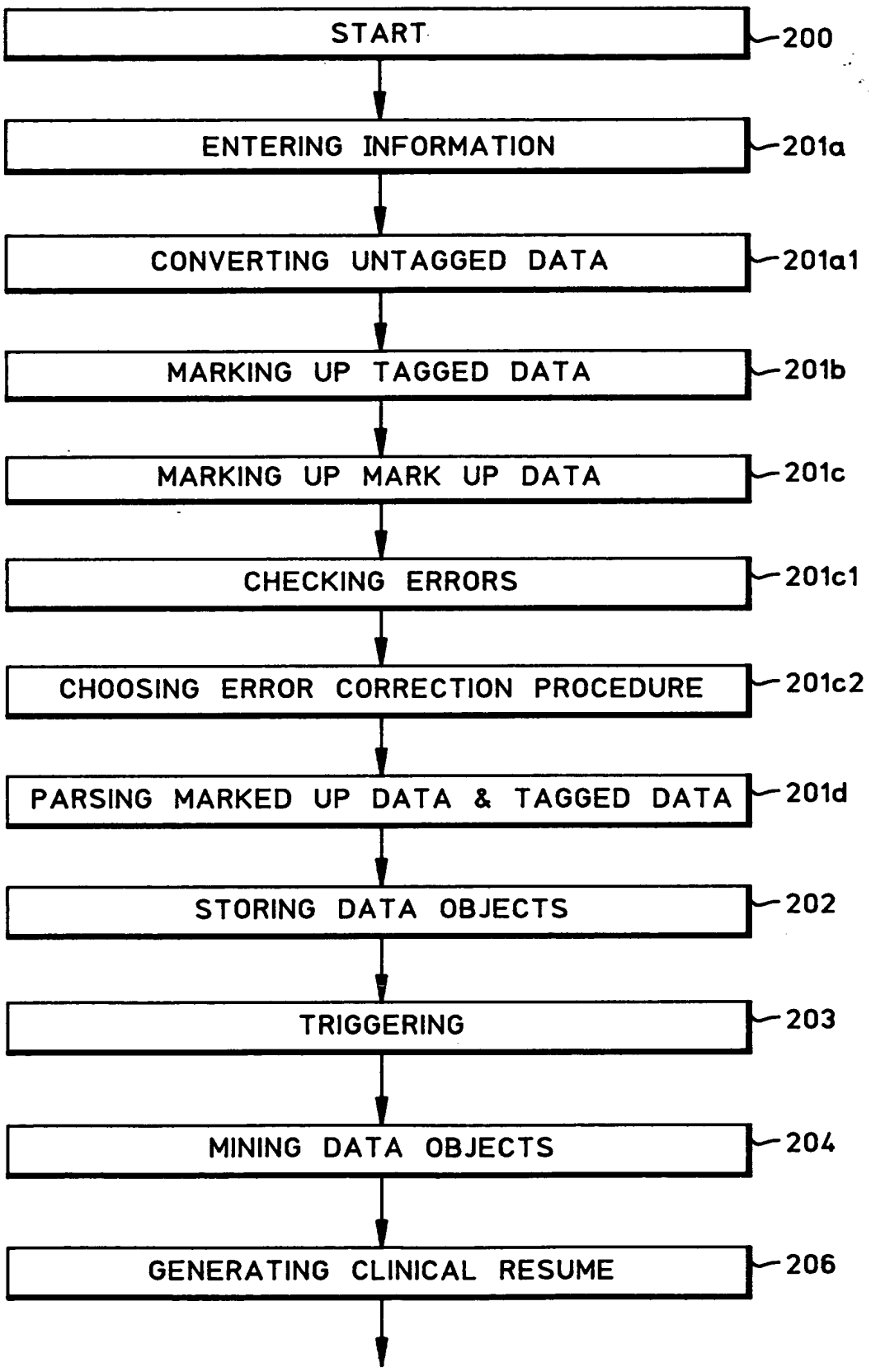

START
200
ENTERING INFORMATION
201a
CONVERTING UNTAGGED DATA
201a1
MARKING UP TAGGED DATA
201b
MARKING UP MARK UP DATA
201c
CHECKING ERRORS
201c1
CHOOSING ERROR CORRECTION PROCEDURE
201c2
PARSING MARKED UP DATA & TAGGED DATA
201d
STORING DATA OBJECTS
202
TRIGGERING
203
MINING DATA OBJECTS
204
GENERATING CLINICAL RESUME
206
TO FIG. 2b

FIG. 2a

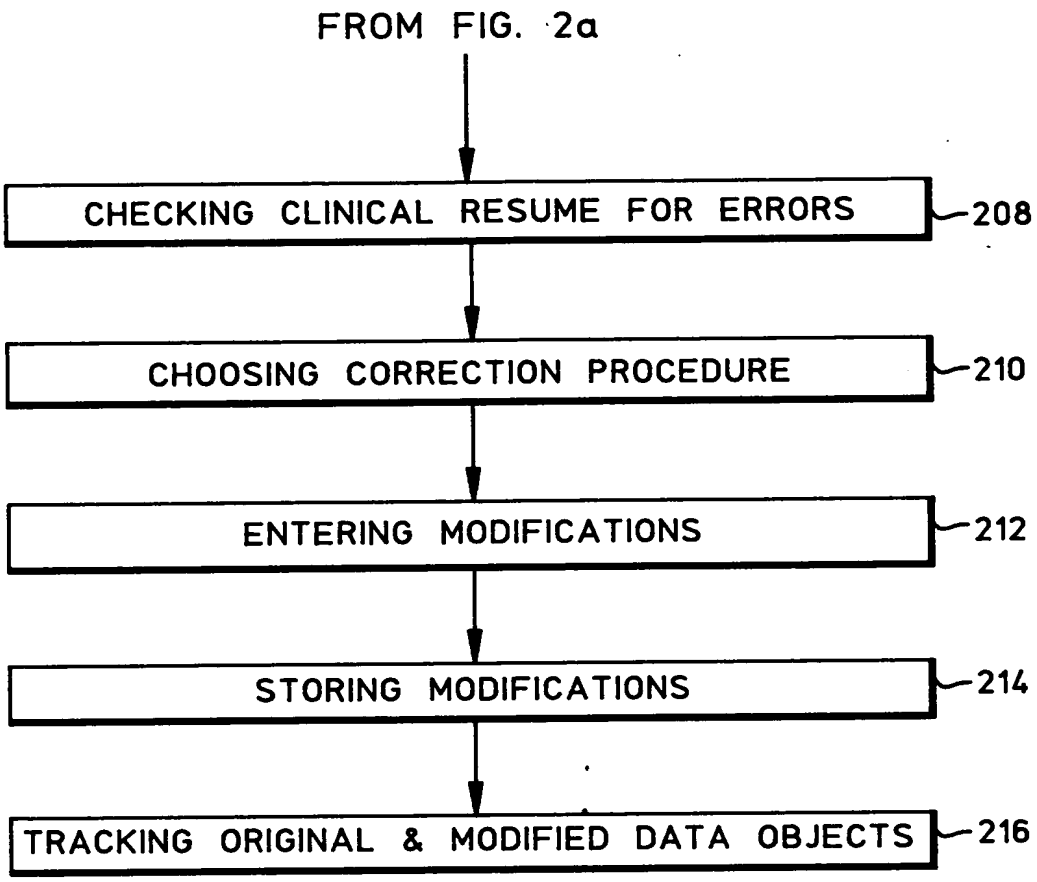

FROM FIG. 2a
CHECKING CLINICAL RESUME FOR ERRORS
208
CHOOSING CORRECTION PROCEDURE
210
ENTERING MODIFICATIONS
212
STORING MODIFICATIONS
214
TRACKING ORIGINAL & MODIFIED DATA OBJECTS
216

FIG. 2b

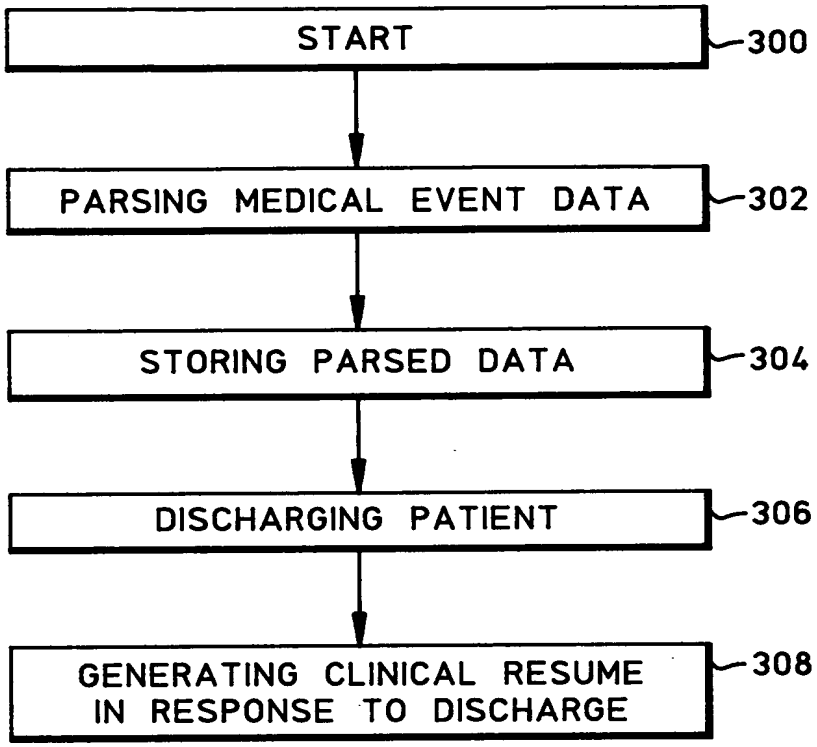

START
300
PARSING MEDICAL EVENT DATA
302
STORING PARSED DATA
304
DISCHARGING PATIENT
306
GENERATING CLINICAL RESUME IN RESPONSE TO DISCHARGE
308

FIG. 3

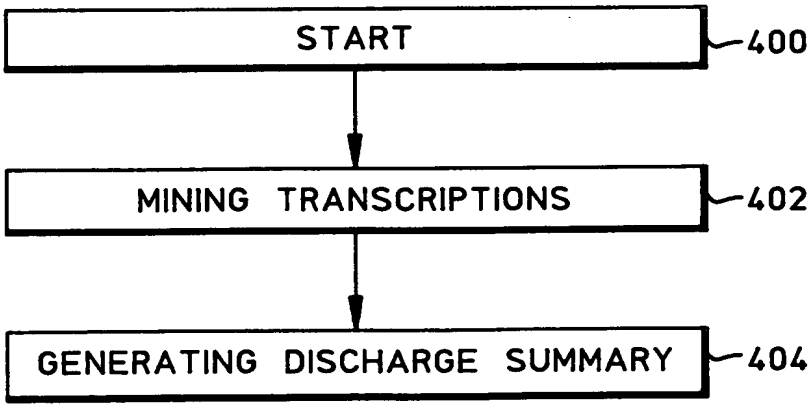

START
400
MINING TRANSCRIPTIONS
402
GENERATING DISCHARGE SUMMARY
404

FIG. 4